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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/927,250	08/10/2001	Mike J. Little	05166.P006	4304

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EXAMINER
NGUYEN, CAO H

ART UNIT	PAPER NUMBER
2173	7

DATE MAILED: 09/15/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 07-01)

Office Action Summary	Application No. 09/927,250	Applicant(s) Little
	Examiner Cao (Kevin) Nguyen	Art Unit 2173

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ___3___ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on *Aug 10, 2001* .

2a) ☒ This action is **FINAL**.   2b) ☐ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1-29* is/are pending in the application.

4a) Of the above, claim(s) is/are withdrawn from consideration.

5) ☐ Claim(s) is/are allowed.

6) ☒ Claim(s) *1-29* is/are rejected.

7) ☐ Claim(s) is/are objected to.

8) ☐ Claims are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on *Feb 12, 2002* is/are a) ☒ accepted or b) ☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☐ All b) ☐ Some* c) ☐ None of:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____.

3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

a) ☐ The translation of the foreign language provisional application has been received.

15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s). __6__

4) ☐ Interview Summary (PTO-413) Paper No(s). _____

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other:

DETAILED ACTION

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless-

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2.   Claims 1-29 are rejected under 35 U.S.C. 102(b) as being anticipated by Bach et al. (US

Patent No. 6,141,660).

Regarding claim 1, Bach discloses a method, comprising: defining a set of commands to

be used with a command line interface (CLI), each command in the set of commands specifying

an action to be performed in a system [..the class specifications are generated using a command

line interface of a class definition tool; see col. 4, lines 37-60); defining a set of system interfaces

including objects and methods, wherein each action specified in the command is associated with

an object and a method, the object and the method performing semantics required by the

command [..when entering the commands the rules are used to ensure proper syntax and

command order; see col. 17, lines 4-67]; and creating a CLI description file for each command in

the set of commands, the CLI description file mapping the command with the action and the

associated objects and the methods [see col. 8, lines 1-23 and col. 12, lines 1-19).

Regarding claim 2, Bach discloses a method wherein defining the set of commands

comprises defining keywords, arguments, input and output requirements for each command [a

class definer function uses database specification in the catalog and operator input to generate

input and output forms for display.. see col. 1-43].

Regarding claim 3, Bach discloses wherein defining the keywords and the arguments

for each command comprises defining help texts for the keywords and for the arguments [the

object builds segment search argument list based on the values within the query string..see col. 8,

lines 24-67].

Regarding claim 4, Bach discloses wherein defining the input requirements comprises

defining an argument set for the command, and wherein defining the output requirements

comprises defining a display format to display a result-responsive to executing; the command

(see col. 10, lines 28-67).

Regarding claim 5, Bach discloses wherein the argument set is associated with the

action of the command, and wherein the argument set is included in an input string specified with

the command, the argument set comprising zero or more arguments (see col. 11, lines 25-67).

Regarding claim 6, Bach discloses wherein an argument type is selected for each

argument, and wherein each argument type is implemented as a Java class (see col. 5, lines 35-

45).

Regarding claim 7, Bach discloses wherein defining a set of interfaces including

objects and methods comprises defining a Java class for the action, the Java class for the action

naming the object associated with the action and having methods that can be invoked when

performing the action (see col. 5, lines 46-64).

Regarding claim 8, Bach discloses further comprising registering the object with the

system such that when the action is performed, the methods are invoked (see col. 10, lines 27-

67).

Regarding claims 9 and 10, Bach discloses wherein the CLI description file is created

using a generalized markup language; and wherein the generalized markup language is

Extensible Markup Language (XML) (see col. 14, lines 3-59).

Regarding claim 11, Bach discloses compiling the CLI description file to generate a run

time module (see col. 17, lines 17-67).

Regarding claim 12, Bach discloses a computer readable medium having stored thereon

sequences of instructions which are executable by a digital processing system, and which, when

executed by the digital processing system, cause the system to perform a method comprising

defining a set of commands to be used with a command line interface (CLI), each command in

the set of commands specifying an action to be performed in a system; defining a set of interfaces

including objects and methods, wherein each action specified in the command is associated with

an object and a method, the object and the method performing semantics required by the

command; and creating a CLI description file for each command in the set of commands, the CLI

description file mapping the command with the action and the associated objects and the methods

(see col. 6, lines 8-61 and figures 2-4).

As claims 13-22 are analyzed as previously discussed with respected to claims 2-11

above.

Regarding claim 23, Bach discloses a method comprising defining a set of commands to

be used with a command line interface (CLI); defining keywords, arguments, input and output

requirements for each command, each command in the set of commands specifying an action to

be performed in a system; defining a set of interfaces including objects and methods, wherein

each action specified by the command is associated with an object and a method, the object and

the method performing semantics required by the command (see col. 20, lines 20-51); creating a

CLI description file for each command in the set of commands, the CLI description file mapping

the command with the action and the associated objects and the methods, wherein the CLI

description file is created using Extensible Markup Language (XML); and compiling the CLI

description file to create a run time module (see col. 14, lines 29-67 and figures 4-6A).

As claims 24-29 are analyzed as previously discussed with respected to claims 2-11

above.

Conclusion

3.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. (PTO-892).

Response

4.   Responses to this action should be mailed to Commissioner of Patents and Trademarks, Washington, D.C. 20231. If applicant desires to fax a response, (703) 308-6306 may be used for formal communications.

Please label "PROPOSED" or "DRAFT" for informal facsimile communications. For after final responses, please label "AFTER FINAL" or "EXPEDITED PROCEDURE" on the document.

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA. Sixth Floor (Receptionist).

Inquires

5.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cao (Kevin) Nguyen whose telephone number is (703) 305-3972. The examiner can normally be reached on Monday-Friday from 8:30 am to 6:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, John W. Cabeca, can be reached on (703) 308-3116. The fax number for this group

is (703) 746-7240.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the Group receptionist whose telephone number is (703) 305-3900.

CAO (KEVIN) NGUYEN
PRIMARY EXAMINER

September 04, 2003